



012627-023.ST25

SEQUENCE LISTING

<110> Rosl, Frank  
Soto, Ubaldo  
Coy, Johannes  
Finzer, Patrick  
Delius, Hajo  
Poustka, Annemarie  
zur Hausen, Harald  
Patzelt, Andrea

<120> Novel Regulatory Sequences of the MCP-1 Gene

<130> 012627-023

<140> US 09/899,276

<141> 2001-07-06

<150> EP 00 114 560.6

<151> 2000-07-06

<160> 12

<170> FastSEQ for Windows Version 4.0

<210> 1  
<211> 600  
<212> DNA  
<213> Homo sapiens

<400> 1  
taggaaaatt ataggatcat taagaaagga gaaggaagag tgggagcaaa tacctggagg 60  
tagaaatggt gatgatgtgt acatcaagca gggagaaaac caatgaacca gatgcgaatt 120  
cgggcccaca ccaatgtcaa gggatgacaa ttagaaagga aggttgagtc aagggatttg 180  
aatgttaggg tgaaaagtta ctactcaact ctgtaggtta aaaggaaacg ttgagaatct 240  
tcagtccaat gaggagggat gtgccatggt tagagattca gagataagtt tcaggaaatg 300  
taacttatag attttatata tacacagaga aatacggact agtgagaagc tattgccatg 360  
gtccaagcaa gagatgatga aggcctaaat atggagccaa agaggcagca atgaagaatg 420  
agccatgcag ggtgaaatgc tgcattgtgt aaatggagga gaaagacctg tgacttcaga 480  
tatgaaaacc tcattcttcaa cccacatttt aagggggcag cttccctgaa accagaatgt 540  
gtttccctcc attactatac ccccatccca atctcaggca cctggaatca tccatttaaa 600

<210> 2  
<211> 200  
<212> DNA  
<213> Homo sapiens

<400> 2  
tgcagctaac ttattttccc ctagctttcc ccagacacct tgttttattt tattataatg 60  
aattttgttt gttgatgtga aacattatgc cttaagtaat gttattctt atttaagtta 120  
ttgatgtttt aagtttatct ttcattgtac tagtggtttt tagatacaga gacttgggga 180  
aattgctttt cctctgtgac 200

<210> 3  
<211> 150  
<212> DNA  
<213> Homo sapiens

<400> 3  
 caaagatcac attctagctc tgaggatatag gcagaagcac tgggatttaa tgagctcttt 60  
 ctcttctcct gcttgccttt tgctttttcc tcatgactct tttctgctct taagatcaga 120  
 ataatccagt tcatacctaaa atgctttttc 150

<210> 4  
 <211> 250  
 <212> DNA  
 <213> Homo sapiens

<400> 4  
 aggttcttat gatgctacta ttctgcattt gaatgagcaa atggatttaa tgcattgtca 60  
 gggagccggc caaagcttga gagctccttc ctggctggga ggccccttgg aatgtggcct 120  
 gaagtaagc tggcagcgag cctgacatgc tttcatctag tttcctcgct tccttccttt 180  
 tctgcagttt tcgcttcaca gaaagcagaa tccttaaaaa taaccctctt agttcacatc 240  
 tgtggtcagt 250

<210> 5  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 5  
 aaggaggagg cagtgggcta ggagaatcga gagatcagaa ttttaaactc agcccagcca 60  
 ttaacatgcc tcaagtactc ctatcatatt tgtaagagac aacagttcac tgaaatgaat 120  
 tctaaggtct ttgggttttt atcagtgtgc ttctgtagtt tctgaggaaa tctaaggcac 180  
 aactgaggaa tgaagtcagg ctttccaatt cccgaaatac tcctccactg cttactcatg 240  
 tcccttgga attaagaagg aagccaggag catagctgcc ataaccagg atgaacttct 300

<210> 6  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 6  
 aaaatataaa aattagccag gcgtgatgtc atgtgcctgt agtcccagct actcgggagg 60  
 ctgaggcagg agaacctctt gaatccagga ggcgcaggtt gcagtgaagca gagatagtc 120  
 cactgcactc cagcctgggt gacagagtga gactctgtct caaaaaata aaataaaata 180  
 aaaaatgcag actgtgattc agcaggtctg ggttgaagcc cagaactctc tgataaattc 240  
 aatggcactt aactacttgg aggtcatgga tgcctttgct aatctaatag aagctactga 300

<210> 7  
 <211> 650  
 <212> DNA  
 <213> Homo sapiens

<400> 7  
 ggcttgtgcc gagatgttcc cagcacagcc ccatgtgaga gctccctggc tccggggcca 60  
 gtatctggaa tgcaggctcc agccaaatgc attctcttct acgggatctg ggaacttcca 120  
 aagctgcctc ctcagagtgg gaatttccac tcaacttctc cagccagca ctgacctccc 180  
 agcgggggag ggcattcttt cttgacagag cagaagtggg aggcagacag ctgtcacttt 240  
 ccagaagact ttcttttctg attcataccc ttacacttcc ctgtgtttac tgtctgatat 300  
 atgcaaaggc caagtcactt tccagagatg acaactcctt cctgaagtag agacatgctt 360  
 ccaacactca gaagcctatg tgaacactca gccagcaaag ctggaagtgt ttctctgtga 420  
 ccatgggcta attggtctcc ttctctggat tgtggcttat cagataaaaa caagtgaagtc 480  
 atgccacagg atgtctataa gccatttgat tctgggattc tatgagtgat gctgatatga 540

ctaagccagg agagacttat ttaaagatct cagcatcttt cagcttgta acctagagaa 600  
 aaccgaagc atgactggat tataaaggga aattgaatgc ggtccaccaa 650

<210> 8  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Part of 3'-DHSR

<400> 8 20  
 ggaaggttga gtcaaggatt

<210> 9  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Oligonucleotide

<400> 9 21  
 gataaggtga ctcagaaaag g

<210> 10  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Oligonucleotide

<400> 10 21  
 ggaaggttga gtcaaggat t

<210> 11  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Oligonucleotide

<400> 11 21  
 cgcttgatga ctcagccgga a

<210> 12  
 <211> 25  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Oligonucleotide

<400> 12 25  
 ttttgattg aagccaatat gataa